

Rat Osteonectin ELISA Kit | ON elisa kit

Rat Osteonectin ELISA Kit

CATALOG #
AAA98708

REACTIVITY
Rat

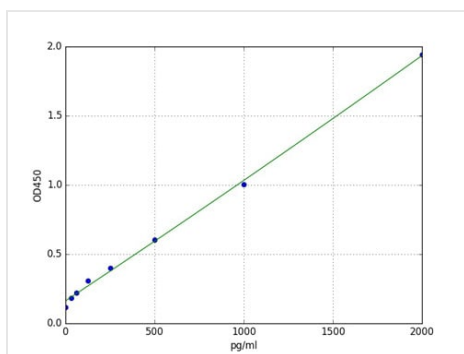
PRODUCT SYNONYMS

Osteonectin; Rat Osteonectin ELISA Kit; ON/BM-40/Basement-membrane protein 40/BM-40/ONcysteine-rich protein/osteonectin/Osteonectin/Secreted protein acidic and rich in cysteine/secreted protein; acidic; cysteine-rich (osteonectin)/; ON elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	302
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat ON ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.032	0.072	0.104	0.132	0.293	0.601	1.258	2.150

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ON elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat ON antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat ON antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat ON amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat ON can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	338325
NCBI GeneID	6678
Molecular Weight	34,632 Da
NCBI Official Full Name	osteonectin
NCBI Official Synonym Full Names	secreted protein acidic and cysteine rich
NCBI Official Symbol	SPARC
NCBI Official Synonym Symbols	ON; OI17; BM-40
NCBI Protein Information	SPARC
UniProt Protein Name	SPARC
UniProt Gene Name	SPARC
UniProt Synonym Gene Names	ON; BM-40; ON
UniProt Entry Name	SPRC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/on-rat-elisa-kits/osteonectin/98708>